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## FEBRUARY 5.

Mr. CHARLES MORRIS in the chair.

Thirty-two persons present.

Messrs Joseph Leidy, J. P. Lesley, Persifor Frazer, Angelo Heilprin and W. B. Scott were elected to constitute the Committee on the Hayden Memorial Geological Award.

## FEBRUARY 12.

Mr. WM. W. JEFFERIS in the chair.

Seventeen persons present.

The following papers were presented for publication :—

“New Species of Shells from New Hebrides.” By W. D. Hartman, M. D.

“Note on *Elagastis bipinnulatus*.” By Seth E. Meek and Charles H. Bollman.

## FEBRUARY 19.

The President, Dr. JOSEPH LEIDY, in the chair.

Sixteen persons present.

*The Sabre-tooth Tiger of Florida*.—PROF. LEIDY directed attention to a specimen recently received from our fellow member, Joseph Willcox, now in Florida. Mr. Willcox writes that he found it in a limestone quarry and that it appeared to him to possess some interest. This it certainly does, as it proves to be the skull of that most formidable of felines, the extinct Sabre-tooth Tiger, variously described under the names of *Drepanodon*, *Machairodus* and *Smilodon*. The specimen consists of the nearly complete cranium with the greater portion of one side of the face, which has lost the teeth but retains all the alveoli. Of the molar teeth the first and last of the series had been shed and the alveoli obliterated. The skull indicates an animal approximating in size the existing Tiger and Lion. It also approximates in size that of *Machairodus neogaeus* of South America, than which it is rather more than an inch less in length, breadth and depth. It exhibits other slight differences, but all may be only of varietal or even individual significance. Regarding the specimen as indicating a distinct variety or species it may be named *DREPANDON*, or *MACHAIRODUS FLORIDANUS*. Its